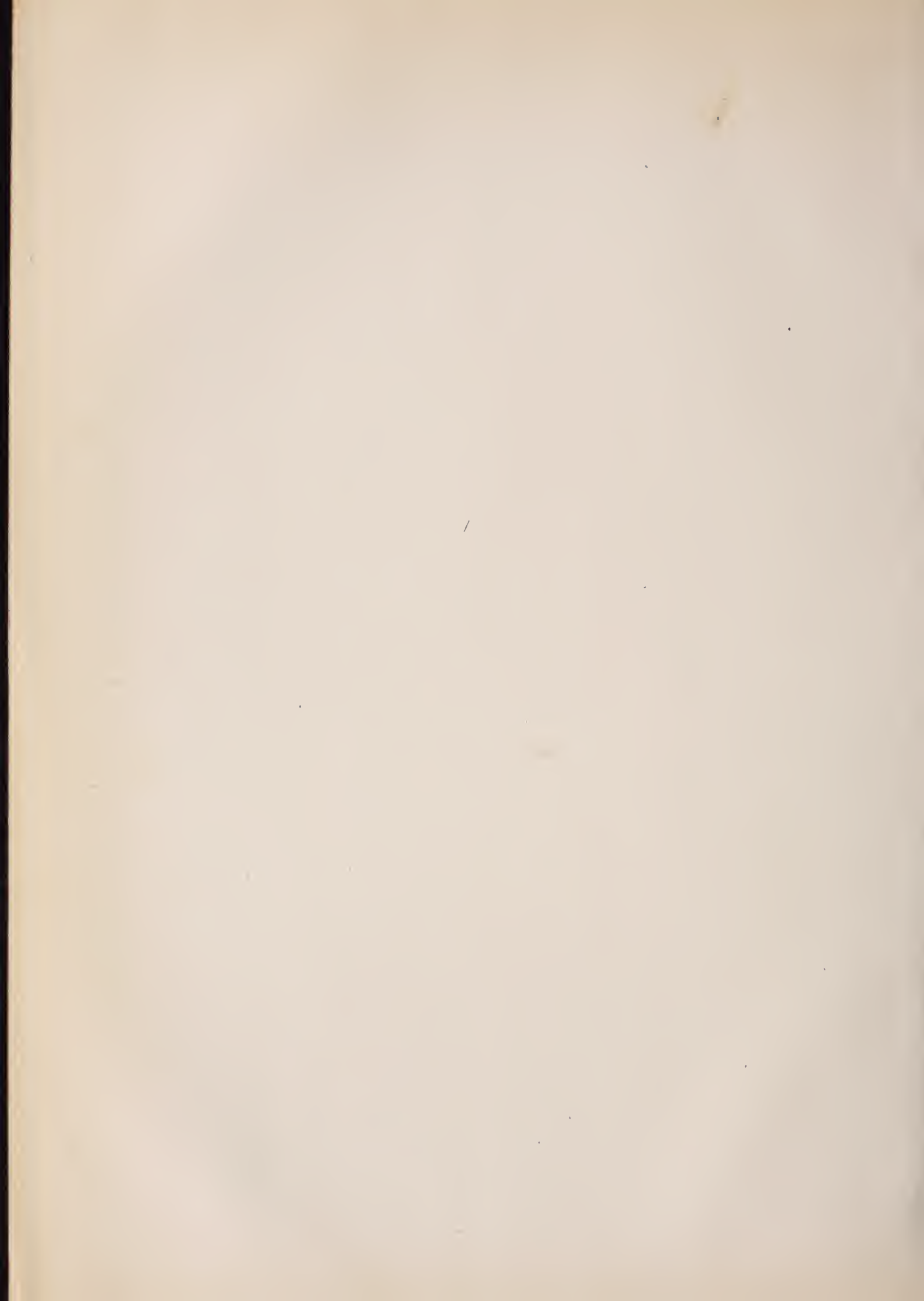


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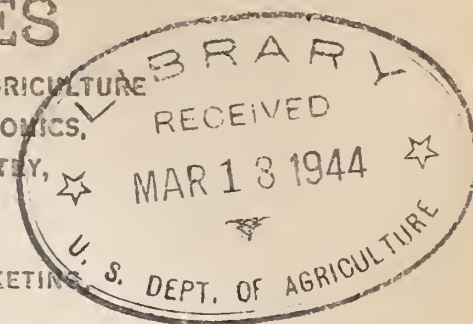


# COTTON LITERATURE

## SELECTED REFERENCES

PREPARED IN THE LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE  
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AGRICULTURAL MARKETING SERVICE, BUREAU OF PLANT INDUSTRY,  
AND BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING  
AGRICULTURAL MARKETING SERVICE, WASHINGTON, D. C.



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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

"Abbreviations Used in the Department of Agriculture for Titles of Publications" (Miscellaneous Publication No. 337) is the authority for abbreviations used in COTTON LITERATURE.



PRODUCTIONBotany

See Item no. 197.

Genetics and Plant Breeding

See Items nos. 197, 204.

Agronomy

1. Cotton-picking contest. Farm and Ranch 59(12): 11. Dec. 1940.  
(Published at 3306 Main St., Dallas, Tex.) 6 E31  
"A cotton picking contest was held near Blytheville, Arkansas, in which Harold Mason, a fifteen-year-old boy of Senath, Missouri, won the first prize of \$1,000 by picking 129 pounds of cotton in two hours. James Bradshaw, a farmer of Reyno, Arkansas, won second place by picking 117 pounds. There were 136 contestants." - Entire item.
2. Farewell and goodbye! Mr. Fuzzy Wuzzy. Delinted cotton seed now a commercial success; no more chopping; less labor; healthier plants. South. Seedsman 3(12): 7, 24. Dec. 1940. (Published at 225 College Blvd., San Antonio, Tex.) 61.8 So8.
3. Macias, Paulo Emilio. Problemas del algodón Manabita. Manabi. Consorcio de Centros Agrícolas. Boletín 2(16): 12-16. Oct. 1940. (Published at Calle Olmedo, Portoviejo, Manabi, Ecuador) 9.5 M31  
Manabita cotton problems.
4. National joint committee on fertilizer application. Proceedings of the fifteenth annual meeting...held at New Orleans, Louisiana, November 21, 1940. 153pp., processed. [Washington, D. C.] National fertilizer association [1940] 57.9 E216  
Partial contents: Fertilizer application to cotton as influenced by fertilizer analysis, concentration, and placement, by J. J. Skinner, pp. 60-63; Summary of fertilizer placement experiments with cotton--1939. Results of experiments in North Carolina, South Carolina and Georgia, by E. R. Collins, pp. 69-71; Effect of machine placement versus soil disturbance on cotton, by H. P. Smith, pp. 72-73; Results of mechanical application of fertilizers to cotton in North Carolina, summary--(1936-1939 inclusive) by E. R. Collins and E. D. Morris, pp. 74-75; Cooperative fertilizer placement studies with cotton at the South Carolina experiment station, Clemson, South Carolina, 1939, by G. B. Killinger, pp. 76-78; Results of machine application of fertilizer to cotton in South Carolina, by Nelson McKaig, Jr., and Albert B. Bowen, pp. 79-83; Fertilizer placement experiment on cotton, State College, Mississippi, 1939.

5. Ousley, Clarence. Irrigated cotton improved. Cotton and Cotton Oil Press 41(25): 10. Dec. 7, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822  
Editorial mentioning the work of G. N. Stroman in producing an irrigated cotton equal in textile strength and other necessary qualities to naturally grown cotton.
6. Sreenivasan, A., and Aurangabadkar, R. K. Effect of fire-heating on the properties of black cotton soil in comparison with those of gray and of humus-treated soils. Soil Sci. 50(6): 449-462. Dec. 1940. (Published by the Williams & Wilkins Co., Mt. Royal and Guilford Aves., Baltimore, Md.) 56.8 So3  
References, pp. 461-462.
7. Stuckey, H. P. Rotates kudzu and cotton. Prog. Farmer (Ga.-Ala.-Fla. ed.) 55(12): 21. Dec. 1940. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G  
The experience of Y. N. Anderson of Pike County, Ga., is briefly described.

See also Items nos. 17, 21, 63, 73, 75, 143, 147, 177, 197, 199, 201, 202, 204, 210, 216, 219, 222.

#### Diseases

8. Altstatt, G. E. Verticillium wilt of cotton in Texas. U. S. Bur. Plant Indus. Div. Mycology and Disease Survey. Plant Disease Reprtr. 24(20): 424. Nov. 1, 1940. (Published in Washington, D. C.) 1.9 P69P
9. Blank, Lester M. The susceptibility of cotton seedlings to *Phymatotrichum omnivorum*. Phytopathology 30(12): 1033-1041. Dec. 1940. (Published at Cor. North Queen St., and McGovern Ave., Lancaster, Pa.) 464.8 P56  
Literature cited, p. 1041.
10. Ezekiel, Walter N., and Dunlap, A. A. Cotton diseases in Texas in 1939. U. S. Bur. Plant Indus. Div. Mycology and Disease Survey. Plant Disease Reprtr. 24(21): 434-439. Nov. 15, 1940. (Published in Washington, D. C.) 1.9 P69P  
Literature cited, p. 439.
11. Ezekiel, Walter N. The cotton root-rot tour and conference of 1940. Science 92(2397): 533-534. Dec. 6, 1940. (Published at Grand Central Terminal, New York, N. Y.) 470 Sci2  
"Workers on the cotton root-rot disease, caused by *Phymatotrichum omnivorum*, assembled for a tour and series of conferences, extending from Greenville to College Station, Texas, August 6-9, 1940... No prepared papers were presented at the sessions of this meeting and results of the work were given informally. Publication of abstracts of these results is therefore not contemplated." This was the eighth of a series of conferences which began in 1927.



12. Ezekiel, Walter N. Texas scientist reports progress in fight on root-rot disease. South. Florist and Nurseryman 50(10): 5-6, 20-21, 23-26. Dec. 13, 1940. (Published by Southern Florist Publishing Co., 120 St. Louis Ave., Fort Worth, Tex.) 80 So86  
The effect of cotton root rot on nursery plants is described.
13. Miller, Paul R., and Weindling, Richard. A survey of cotton boll rot diseases in 1940 and the microorganisms connected with them. U. S. Bur. Plant Indus. Div. Mycology and Disease Survey. Plant Disease Reprtr. 24(20): 417-423. Nov. 1, 1940. (Published in Washington, D. C.) 1.9 P69P
14. Neal, D. C. and Brown, H. B. Wilt resistance of the new cottons. Better Crops with Plant Food 24(10): 16, 46. Dec. 1940. (Published by the American Potash Institute, Washington, D. C.) 6 B46  
Report of experiments conducted during 1939 on fusarium wilt resistance of new strains and hybrid cottons at the Louisiana Agricultural Experiment Station.

See also Items nos. 201, 204.

#### Insects

15. Cruz Martins. Pragas do algodão. O Campo 11(123): 56-57, 61. Mar. 1940. (Published at Rua S. José, 52, Rio de Janeiro, Brazil) 9.2 C15  
Pests of cotton.
16. Macias, Paulo Emilio. Las plagas de los algodones en Manabi. Manabi. Consorcio de Centros Agricolas. Boletin 2(15): 42-45. Sept. 1940. (Published at Calle Olmedo, Portoviejo, Manabi, Ecuador) 9.5 M31  
Pests of cotton in Manabi.

See also Items nos. 169, 197, 201, 204, 210.

#### Farm Engineering

See Items nos. 18, 204.

#### Farm Management

17. Average wage rate for picking 100 pounds of seed cotton. U. S. Dept. Agr. Crops and Markets 17(11): 244. Nov. 1940. (Published in Washington, D. C.)  
Table gives rates by states, 1928-1940.
18. Ham, William T. Seasonal farm labor in the Southeast. 6pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.  
"Statement presented at Interstate Conference on Migratory

Labor, Atlanta, Georgia, December 17, 18, 1940."

"Cotton presents a peculiar problem. Mechanization of cotton farms in the Southeast appears to be increasing rapidly. This process tends to emphasize the importance of the two periods of peak seasonal labor requirements, that of cotton chopping and hoeing on the one hand, and that of cotton picking on the other. More and more farmers are increasing the amount of hand labor employed during the seasonal peaks and decreasing the number of regular workers on the farm."

19. Johnson, Sherman E. Farm adjustments to meet war impacts. 13pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.

"Paper to be delivered at annual meeting of American Society of Agronomy and Soil Science Society of America, Chicago, Ill., Dec. 6, 1940."

The problem by regions--the South, pp. 2-6.

20. Kollmorgen, Walter M. The German-Swiss in Franklin county, Tennessee. A study of the significance of cultural considerations in farming enterprises. U. S. Dept. Agr. Bur. Agr. Econ. LE-7, 113pp., processed. Washington, D. C., 1940.

References, pp. 109-113.

Farm programs of the German-Swiss and other groups with reference to cotton production are compared on pp. 85-92.

21. Underwood, F. L. An analysis of peanut-cotton-hog farm business in a depression year. Va. Agr. Expt. Sta. Tech. Bul. 67, 103pp. Blacksburg, 1940. 100 V81T

The data represent the calendar year 1932 and were collected by the survey method in Hansemond county in the southeastern part of the state. "Cotton was relatively unprofitable and increased acreages were associated with reduced incomes."

22. Ward, A. L. Land of cotton and of livestock. Tex. Co-op. News 20(12): 7. Dec. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Erway St., Dallas, Tex.) 72.9 T315F

Development in the cotton belt "of a sound livestock program that will efficiently utilize the feed products of the cotton crop," is advocated.

See also Items nos. 163, 204.

#### Cotton Land Resources

See Item no. 204.

#### Farm Social Problems

23. [Bailey, Clara] The winter's food. Sharecroppers and day laborers working with their landlords and home demonstration agents were getting results on two South Carolina plantations. U. S. Ext.



Serv., Ext. Serv. Rev. 11(12): 165. Dec. 1940. (Published in Washington, D. C.) 1 Ex392Ex

Life of sharecroppers and day laborers on two plantations in South Carolina is described.

See also Item no. 18.

#### Cooperation in Production (One-Variety Communities)

24. One-type cotton areas. Farm and Ranch 59(12): 5. Dec. 1940.

(Published at 3306 Main St., Dallas, Tex.) 6 T31

"An effort will be made this year to develop one-type cotton areas--to bring about co-operation of adjoining communities, which have, in times past, been planting a different cotton in each."

See also Item no. 88.

#### PREPARATION

##### Ginning

25. Adams, Orville. Checking the power unit. Maintenance problems of the fuel injection engine. Cotton and Cotton Oil Press 41(25): 5-6. Dec. 7, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

The author gives instructions for ginners.

26. Air jets replace roll box and ribs in new type gin. "Air-roll" gin may be most important development since Eli Whitney's day. Cotton Trade Jour. 20(52): 7. Dec. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

A new type gin, invented by Charles R. Berry of Greenville, Mississippi, is described.

27. Better books for co-op. gins. U. S. Dept. Agr. Farm Credit Admin. News for Farmer Coop. 7(8): 5, 31. Nov. 1940. (Published in Washington, D. C.) 166.2 N47

"At least a score of co-op gins in southern Oklahoma will be bolstered by a better set of books this season as a result of the 2-week school for bookkeepers recently held at Cameron Agricultural College." The course is described.

28. The new gin. Cotton Trade Jour. 20(52): 2. Dec. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

An editorial commenting on improvements in ginning machinery made during the last decade.

29. Paulson, W. E. Factors related to low-cost ginning. Southwest. Social Sci. Quart. 21(3): 261-271. Dec. 1940. (Published by Southwestern Social Science Association, Daniel Borth, Jr., Secretary-Treasurer Louisiana State University, University, La.)

"Paper delivered at the Cotton Research Congress, Waco, Texas,

June 27, 1940."

This article is based on a study being made by the Texas Agricultural Experiment Station. Subtopics: Cost of ginning; relation of volume and investment to ginning cost; net profits of ginning; purposes served by analysis of ginning costs; solution of problem of high ginning costs; ginning capacity in Texas; size of crop and cost of ginning; the ginning industry and the size of the Texas crop.

30. U. S. Dept. of Agriculture. Agricultural marketing service. Ginning problem of tardy season met successfully. Driers and cleaners prove worth as cotton comes in damp and trashy. Cotton Trade Jour. 20(52): 2. Dec. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Text of a radio program, "The 1940 Ginning Season," broadcast December 27, 1940.

See also Items nos. 204, 209, 216, 220.

### Baling

See Item no. 169.

## MARKETING

### Demand and Competition

31. Brazil--cotton textile manufacturing industry. Cotton [Manchester] 46(2256): 5. Nov. 16, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826

"It is reported that the number of spindles working in the cotton spinning mills in the State of Sao Paulo at 29th June this year was 925,008, against 910,699 at 30th December last year."

32. Brazil wrestles textile problem, labor difficulty. Financing needed for modern machinery, "not imported scrap iron." Cotton Trade Jour. 20(49): 6. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Brazilian textile industry problems are discussed.

33. Caterson, Herbert. Agreement with Japan on cotton goods shipments reported. Daily News Rec. no. 280, p. 4. Nov. 29, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.3 N48

"Cables received from Japan report that a gentlemen's agreement between the United States and Japanese cotton mills has been reached. The agreement limits exports of Japanese white goods to 100 million square yards during 1941, 200 million yards of velveteens and 700,000 square yards of corduroys."



34. Cox, A. B. Origin of problems of modern textile industry. Tex. Business Rev. 14(10): 9-10. Nov. 1940. (Published by Bureau of Business Research, University of Texas, Austin, Tex.) 280.8 T312

"The second of a series of articles dealing with some major aspects of the world cotton industry."

"It is the purpose of this article to explain important factors and forces creating the major problems confronting the world textile industry and relate those especially to the demand for and supply of cotton. They may be summarized under four heads: 1. Technological developments... 2. Dependence on exports... 3. Shifts in textile manufacturing... [and] 4. Destruction of world demand for goods and stimulation of supplies of raw materials."

Also in Cotton Digest 13(10): 5. Dec. 7, 1940.

35. [Dreyfus, Henry] Rayon use instead of cotton urged in Britain as war aid. Dr. Dreyfus tells British celanese meeting that move would conserve dollars. Daily News Rec. no. 296, p. 1. Dec. 18, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 M48  
Report of statements made to the 21st annual meeting of British Celanese, Ltd., December 17, 1940.

36. 15 per cent raise in southern mill pay asked by CIO. Drive seeks general increases, more members, higher minimum wage. Cotton Trade Jour. 20(49): 1. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

37. Finch, C. L. Future demand for California cotton. 7pp., processed. [Stockton? Calif., 1940]  
Address delivered before the annual meeting of the Cotton Department, California Farm Bureau Federation, Stockton, California, November 11, 1940.

38. Garrard, W. M. Mississippi Delta year-end situation. Cotton Digest 13(13): 11, 14-15. Dec. 28, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

39. Garrard, W. M. Mr. Garrard's survey. Staple Cotton Rev. 18(11): 2-4. Nov. 1940. (Published by the Staple Cotton Cooperative Association, 210-214 West Market St., Greenwood, Miss.) 72.8 St22

The author discusses the present market situation for Delta cotton.

Extracts in Daily News Rec. no. 277, p. 13. Nov. 26, 1940.

40. Herb, Mamie I. Food and cotton stamp plans; a selected list of references. U. S. Dept. Agr. Bur. Agr. Econ. Econ. Library List 18, 25pp., processed. Washington, D. C., 1940. 1.9 Ec73E

41. Hussey, C. W. Front street review and outlook. The Memphis cotton market. Cotton Digest 13(13): 5, 18. Dec. 28, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822



42. Japanese cotton spinners [association] study plan for industry. Daily News Rec. no. 281, p. 8. Nov. 30, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 M48  
 "The absorption of small companies by large ones and the pool or commission work system are suggested. The merger plan is more favored than the pool system, however."
43. Kephart, Olive T. Effect of the stamp plan on living levels. U. S. Dept. Labor. Bur. Labor Statis. Monthly Labor Rev. 51(5): 1060-1065. Nov. 1940. (Published in Washington, D. C.) 158.6 B87M  
 A discussion of the operation of the cotton stamp plan is included.
44. Logan, Lyman S., and Trenchard, G. Ogden. The cost of economic isolation. Growers of cotton, tobacco and fruits would be hurt more than grain and meat producers. Barron's 20(51): 20. Dec. 16, 1940. (Published at 44 Broad St., New York, N. Y.) 284.8 B27  
 "This is the second of a series of articles on the possible repercussions of an Axis victory upon our domestic economy."
45. [McHugh, F. D.] Scientia omnia vincit. Sci. Amer. 163(5): 243. Nov. 1940. (Published at 24 West 40th St., New York, N. Y.) 470 Sci25  
 An editorial discussing the competition between cotton and rayon which says in part: "There is one bright light on this dark horizon. Down in North Carolina, there have been under way for years experiments in turning the whole cotton plant--stalk, leaves, boll, and fiber--into rayon. The plants are mowed down; oil is extracted from the seeds in this bunch of sticks and fiber by use of solvents; and the remaining cellulosic material is made into rayon. Years ago, this process was a laboratory success. If and when it is made commercially practicable, it will save our trees--which now go into rayon--will take up surplus cotton stocks, and will sidestep that part of cotton production which is more costly than all others combined: the picking job."
46. Market welcomes breakdown of cotton consumption figures. New statistical plan seen eliminating usual rumors. Jour. Com. [N. Y.] 186(14410): 10. Dec. 17, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82  
 "Arrangements are being made whereby the industry will be divided into eleven major classifications in the monthly consumption figures compiled by the Bureau of the Census."
47. Murray, Robert J. The 1940 cotton trade review. Cotton Digest 13(13): 1, 15. Dec. 28, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822.

48. Myers, A. G. Myers reviews position of textile industry. Textile Bul. 59(6): 12. Nov. 15, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82  
Address of retiring president of the North Carolina Cotton Manufacturers' Association, at the recent convention at Pinehurst, N. C.
49. Nashville, Tennessee, stamp plan city. Cotton Digest 13(2): 13. Dec. 14, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
50. [New York cotton exchange service] Cotton industry in Japan recedes. Big drop in use of fiber is indicated--mills hold heavy cloth stocks. Jour. Com. [N. Y.] 186(14411): 12. Dec. 18, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
51. [Pickard, Edward T.] Most textile mills found closing 1940 at capacity. Indications are cotton use will exceed any previous year. Daily News Rec. no. 287, pp. 1, 8. Dec. 7, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48  
The present situation in the textile industry in the United States is discussed briefly.
52. [Saco-Lowell shops] 1041 yards for one cent. Saco-Lowell Bul. 12(2): 32-33. Oct. 1940. (Published at 60 Batterymarch St., Boston, Mass.) 304.8 Sal  
Brief comment on progress in the textile industry. "Take the case of No. 80 yarn, where one cent will buy 1041 yards. Where else in the industrial world can one cent buy as much value?"
53. Stefani, Piero de'. I redditi industriali delle società cotoniere. Rivista Italiana di Scienze Economiche 11(9): 1128-1141. Sept. 1939. (Published by Nicola Zanichelli, Bologna, Italy)  
Manufacturing returns of the cotton companies.  
Following a survey of industry and particularly of the textile industry in Italy from 1926 to 1936, the writer studies the financial operations of the cotton companies in existence in 1936.
54. Texas cotton and demand. Tex. Digest 16(44): 3. Nov. 30, 1940. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31  
Editorial.
55. U. S. Dept. of agriculture. Office of foreign agricultural relations. Canadian cotton mills continue high activity. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(22): 807-810. Dec. 2, 1940. (Published in Washington, D. C.) 1.9.St2F  
Tables show Canadian imports of raw cotton, by countries of origin, 1938-39 and 1939-40; mill consumption of raw cotton, by growths, 1938-39 and 1939-40; and mill stocks of raw cotton, by growths, August 1, 1939 and 1940.



56. U. S. Dept. of agriculture. Office of foreign agricultural relations. Nicaragua exchanges raw cotton for Japanese silk textiles. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(24): 904. Dec. 16, 1940. (Published in Washington, D. C.) 1.9 St2F  
Also noted in Cotton Digest 13(12): 6. Dec. 21, 1941.
57. [U. S. Dept. of agriculture. Surplus marketing administration, Fort Wayne [Indiana], Waco [Texas] added to cotton stamp plan list. Cotton Trade Jour. 20(49): 7. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
Also noted in Cotton Digest 13(10): 4. Dec. 7, 1940.
58. U. S. will purchase low grade cottons to bolster market. Surplus administration to take 200,000 bales ineligible for loan. Jour. Com. [N. Y.] 186(14410): 1, 14. Dec. 17, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82  
An announcement by the Surplus Marketing Administration of the U. S. Department of Agriculture is commented upon.
59. What of the future? Preservation of Lancashire cotton trade is essential to British industry. Textile Weekly 26(664): 672. Nov. 22, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127  
The place of the cotton cloth trade in British industry is briefly discussed.
- See also Items nos. 79, 80, 92, 131, 145, 163, 183, 187, 196, 199, 200, 203, 204, 205, 219.

### Supply and Movement

60. Acres of cotton. Farmer-Stockman 53(24): 8. Dec. 15, 1940. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45  
Editorial stating that "we ought to plant less than 20 million acres. But we won't. The acreage is likely to be again 26 to 27 million acres."
61. O Brasil e a sua indústria algodoeira. Ouro Branco 6(4): 19-20. Aug. 1940. (Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7  
From "Diário de São Paulo."  
Brazil and its cotton industry.
62. Cotton still piling up in warehouses. Farmer-Stockman 53(25): 576. Dec. 1, 1940. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45  
Table and chart show world supply and consumption.
63. Estimate Uganda crop to exceed 1939's 289,000. British India expected to be chief taker, replacing American growths. Cotton Trade Jour. 20(49): 6. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214



64. Fernandes e Silva, R. O algodão na economia brasileira. Ouro Branco 6(4): 16. Aug. 1940. (Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7  
The cotton economy of Brazil.
65. Flood, Francis. Brazil's answer: 5-cent cotton. Farmer-Stockman 53(24): 5, 17. Dec. 15, 1940. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45  
Competition of Brazilian with American cotton is discussed.
66. Georgia. Dept. of agriculture. Cotton ginnings in Georgia by counties 1899-1939, also other cotton information. 25pp., processed. Atlanta, 1940.  
Tables.
67. Gouthier, Hugo. Comments and report made by Hugo Gouthier at the International cotton advisory committee conference held in Washington on October 17, 1940. Brazil 12(145): 10-13. Dec. 1940. (Published by the American Brazilian Association, Inc., 10 Rockefeller Plaza, New York, N. Y.)  
Report on the cotton situation in Brazil.
68. Leite de Almeida, José. S. Paulo registrará a maior safra de algodão de sua história. Ouro Branco 6(4): 8-10. Aug. 1940. (Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7  
São Paulo records the largest cotton crop in its history.
69. [New York cotton exchange service] Rise and fall of the cotton export trade of the United States. Cotton Digest 13(12): 5. Dec. 21, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
A table showing cotton exports from the United States, by seasons, from 1837-38 to 1940-41 is given.
70. [Norris, P. K.] What is the present outlook for cotton exports? P. K. Norris, principal marketing specialist, says that future for cotton depends on outcome of war. Mid-S. Cotton News 1(3): 1. Dec. 1940. (Published by Mid-South Cotton Growers Association, 822 Falls Bldg., Memphis, Tenn.) 72.8 C8295
71. Raw cotton exported from Egypt to the United Kingdom, India and Canada for the year 1939. Cotton [Manchester] 46(2236): 8. Nov. 16, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826  
Table gives the value of exports in Egyptian pounds, by varieties, for 1939 and 1938.
72. Subsidy export shipment date extension eyed. American cotton shippers association representative in Washington asking extension beyond Dec. 31. Small shippers object. Say larger houses are being given unwarranted competitive advantage; Jewell sums up opposition view. Cotton Trade Jour. 20(51): 1-2. Dec. 31, 1940. (Pub-

lished at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"The time limit as set in the original program was July 31. This was extended to October 31 and then to December 31."

73. Texas sandy soils show lengthening of cotton staple. Improvement is credited to activity of East Texas chamber of commerce. Cotton Trade Jour. 20(49): 8. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
Also in Cotton Digest 13(10): 3. Dec. 7, 1940.
74. Todd, John A. Cotton statistics. Textile Mfr. 66(790): 374, 401. Oct. 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126  
Cotton production by countries, 1935-1939, is given in a table.
75. U. S. Dept. of agriculture. Office of foreign agricultural relations. Experiments in sea island cotton growing in Cuba not encouraging. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(23): 857. Dec. 9, 1940. (Published in Washington, D. C.) 1.9 St2F
76. U. S. Dept. of agriculture. Office of foreign agricultural relations. Increasing quantities of Peruvian cotton shipped to Japan. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(23): 850-851. Dec. 9, 1940. (Published in Washington, D. C.) 1.9 St2F
77. U. S. Dept. of agriculture. Office of foreign agricultural relations. Spanish industry gets South American cotton. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(26): 1026-1027. Dec. 30, 1940. (Published in Washington, D. C.) 1.9 St2F  
"Receipts of raw cotton in Spain during the 5 months beginning August 1, 1940 totaled about 50,000 bales all of which was Argentine cotton except for 3,100 bales of American... According to recent information received from Argentina, details of a credit arrangement are being completed whereby the Spanish Government will purchase an additional 100,000 bales of Argentine cotton representing the remainder of the export surplus from the 1939-40 crop."
78. U. S. Dept. of commerce. Bureau of the census. Cotton production and distribution, season of 1939-40, prepared under the supervision of Harvey J. Zimmerman. U. S. Dept. Com. Bur. Census Bul. 177, 52pp., processed. Washington, D. C., 1940. 157.41 B89[Co]
79. Zelonek, A. W. Fear of shortage in textile fibers held unjustified. Daily News Rec. no. 280, p. 6. Nov. 29, 1940. (Published at 8 East 13th St., New York, N. Y.) 236.8 M48  
The outlook for world production of cotton, wool, silk and rayon is discussed.

See also Items nos. 24, 34, 39, 93, 94, 177, 182, 183, 186, 192, 193, 199, 200, 204, 207, 219, 222.



Prices

80. Army textile purchases. Rayon Organon 11(13): 160-172. Dec. 1940. (Published by Textile Economics Bureau, Inc., 10 East 40th St., New York, N. Y.) 304.8 T3128  
Effect of army purchases on consumption and price of cotton and wool is discussed.
81. Gordon, J. B. Spot situation in cotton attracting greater attention. Daily News Rec. no. 295, p. 13. Dec. 17, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48  
Brief review of the present price situation.
82. Ousley, Clarence. Blunder of pegged prices. Cotton and Cotton Oil Press 41(26): 10. Dec. 31, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822  
An editorial.

See also Items nos. 39, 65, 100, 177, 180, 182, 183, 199, 203, 208, 219, 220.

Marketing and Handling Methods and Practices

83. Caterson, Herbert. Cotton exporters perplexed on how to make Japan pay. Daily News Rec. no. 281, p. 5. Nov. 30, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48  
Schemes for collecting amounts due from Japanese firms for cotton purchased some time ago are noted.
84. Cotton exchange trading limit rule adjusted to conform with the C. E. A. Jour. Com. [N. Y.] 186(14402): 1, 9. Dec. 7, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82  
"The board of managers of the New York Cotton Exchange has approved proposed amendments to the exchange's by-laws designed to bring the rules in line with regulations of the Commodity Exchange Administration on limitation of interest in futures, while retaining board powers to restrict hedging operations when necessary."
85. Gotham seat price hits 2 new lows in a single week. Cotton Trade Jour. 20(52): 1. Dec. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
Sale of a seat on the New York Cotton Exchange for \$2,600, the lowest price recorded since 1906, is noted.  
Also noted in Cotton Digest 13(13): 4. Dec. 28, 1940.
86. Mr. Fulmer plans to junk present marketing system. Cotton Digest 13(5): 10. Nov. 2, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
Editorial replying to a statement by Representative H. P. Fulmer opposing "gambling and speculating on the cotton exchanges."



87. [Revere, C. T.] Educate public on functions of exchanges, plea. Revere discusses need for understanding of futures contract system. Cotton Trade Jour. 20(51): 1, 3. Dec. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

See also Items nos. 169, 181, 191, 197, 198, 220.

#### Marketing Services and Facilities

88. Ballinger, Roy A., and Little, Herschel W. The use of free classing and market news service by members of cotton improvement groups in Louisiana. La. Agr. Expt. Sta. Mimeographed Cir. 14, 33pp., processed. [Baton Rouge, 1940]
89. Coastal shipping line abandoning New England ports. Cotton Trade Jour. 20(49): 1. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
 "Reports to the effect that the Southern Pacific-Morgan Line might eliminate Boston and New Bedford as ports of call caused uneasiness in shipping and textile circles. The line handles about 90 per cent of the cotton shipped to New England."  
 Also noted in Cotton Digest 13(10): 12. Dec. 7, 1940; Daily News Rec. no. 284, pp. 1, 11. Dec. 4, 1940.
90. [Dunn, Road, jr.] Directors at Belzoni meeting flay bidding on storage of loan cotton. Delta Council News 2(4): 1-2. Dec. 14, 1940. (Published by the Delta Council, Stoneville, Miss.)  
 Report of a meeting of the directors of the Delta Council held November 27, 1940.
91. Hit senate reconcentration ban, score opponents of CCC economy. Crawford of Michigan vigorously defends CCC request for storage bids. Cotton Trade Jour. 20(50): 1, 3, 7. Dec. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
 "Championship of the Commodity Credit Corporation move to obtain competitive bids on storage of cotton, in connection with the proposed reconcentration of Government owned cotton and certain loan stocks, came from Representative Fred L. Crawford, Michigan."  
 The discussion is given in full.
92. Loans hinder United States exports. Cotton Digest 13(12): 8. Dec. 21, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
 An editorial.
93. New Orleans cotton exchange. Seventieth annual report...year ending Oct. 31, 1940. 30pp. New Orleans, Graham print. co., ltd., 1940. 287 M47  
 Annual report of the Board of Directors, pp. 7-10.

94. Perry, Hobart S. Impact of the present war on ocean shipping with special reference to the effects of war shipping conditions on United States agriculture. 123pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.

"This study is concerned mainly with surveying the amount of ocean shipping available, the present and prospective needs for the transport of agricultural and nonagricultural products and the impact of wartime shipping conditions on agricultural exports." Cotton is included in the report. Table 15 gives ocean freight rates by commodities and quantity and value of exports.

95. Proposal to reconcentrate loan cotton shelved now. Council strongly protests action of C. C. C. in inviting bids for storage of loan cotton. Delta Council News 2(4): 1-2. Dec. 14, 1940. (Published by the Delta Council, Stoneville, Miss.)

"Reconcentration of cotton would serve to increase storage costs to farmers on free cotton, the council contended, since interior warehouses deprived of income from long time storage of government cotton would be required to raise storage and possibly compress charges."

96. Reconcentration competitive bid action deferred. Interior warehousemen win another battle in campaign for CCC cotton. Cotton Trade Jour. 20(51): 1, 3. Dec. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

An announcement by the Secretary of Agriculture deferring action on competitive bids for storage of loan cotton until February 1, 1941 is noted.

Also noted in Cotton Digest 13(12): 9. Dec. 21, 1940.

97. Simmons, Milton. Classing for spinning utility said to be most exacting task. Government classing inadequate for determination of properties, view. Cotton Trade Jour. 20(51): 3. Dec. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

98. [U. S. Dept. of agriculture. Agricultural marketing service.] Radio advertises U. S. government classing service. 4,500,000 bales classed included 1,300,000 bales of improvement groups. Cotton Trade Jour. 20(51): 1, 6. Dec. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Summary of a radio program, "Cotton Classing," broadcast December 20, 1940.

99. Urge storage of surplus cotton in interior warehouses. Cotton and Cotton Oil Press 41(25): 16. Dec. 7, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"The [Mississippi Delta] council joined with Farm Bureau groups of Mississippi, Arkansas, and Tennessee in opposing the policy proposed by the Commodity Credit Corporation to allow



warehouse bidding for storage of cotton loan stocks."

See also Items nos. 100, 165, 172, 220.

### Marketing Costs

100. Bjornson, E. Hjalmar. Agriculture and low-cost transportation. 9pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.

A table comparing indices of farm prices and freight rates for four selected farm commodities (wheat, cotton, beef cattle and hogs) is included.

See also Item no. 94.

### Cooperation in Marketing

See Item no. 175.

## UTILIZATION

### Fiber, Yarn and Fabric Quality

101. Aronovsky, S. I., and Dryden, E. C. Chemical and physico-chemical relationships of pulps. Paper Industry and Paper World 22(3): 253-256. June 1940. (Published at 59 E. Van Buren St., Chicago, Ill.) 302.8 P1923  
Literature cited, p. 256.  
Table 1 gives analyses of cotton linters, lint cotton, and alpha pulps.
102. Fairbairn-Lawson Combe Barbour limited, Leeds. Testing yarn for thick and thin places. Textile Mfr. 66(790): 390. Oct. 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
103. Fedorov, S. A. [The study of cotton. Pt. 2 Cotton fiber, 268pp. Moskva, [etc.] Gosydarstvennoe izdatel'stvo legkoi promyshlennosti, 1934. 72 F313  
In Russian.
104. Flammability of fibers. Textile World 90(12): 69. Dec. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315  
The tests showed that "the cotton was consumed within 20 sec.; the rayon a few seconds later; the silk next; but flame showed no tendency to travel up the strips of wool or Nylon."
105. Fox, Kenneth R., and Finch, Rogers B. Simplified method for the determination of refractive indices of textile fibres. Textile Res. 11(2): 62-71. Dec. 1940. (Published by United States Insti-



tute for Textile Research, Inc., 65 Franklin St., Boston, Mass.) 304.8 T293

References, p. 71.

"A new method of determining the refractive indices of fibres is described which uses as its basis, a photometric match of Becke line intensities emanating from the difference between the maximum and the minimum refractive indices of the fibre and the index of the mounting fluid."

106. Heertjes, P. M. Dichtheidsbepalingen als hulpmiddel bij het vezelonderzoek. *Chemisch Weekblad* 36(36): 610-611. Sept. 9, 1939. (Published by Nederlandsche Chemische Veereeniging en Veereeniging van de Nederlandsche Chemische Industrie, O. Z. Voorburgwal, 115, Amsterdam, Netherlands) 385 C42

Density determinations as an aid in examination of fibers.

"An examn. of the d. of cotton in He-H<sub>2</sub>O mixts. shows that part of the adsorbed H<sub>2</sub>O (6.25%) is actually fixed in the cellulose lattice and the remainder (about 20%) is adsorbed on the surface in the usual manner. - B. C. P. A." - *Chem. Abs.* 34(13): 4565. July 10, 1940.

107. Hermans, P. H. Die kautschukähnlichkeit der cellulose und die entstehung künstlicher cellulosefäden als makromolekularer vorgang. *Naturwissenschaften* 28(14): 223. Apr. 5, 1940. (Published by Julius Springer, Berlin W 9, Germany) 474 N213

The similarity of cellulose and rubber and the formation of fibers of artificial cellulose as a macromolecular process.

"The following similarities are pointed out: (1) Amorphous isotropic rubber can, by cooling, be made to yield the x-ray diagram of a cryst. material; amorphous isotropic cellulose does likewise during syneresis. (2) A series of force-vs.-extension diagrams for isotropic cellulose fibers of varying degrees of swelling looks like the corresponding diagrams of slightly vulcanized rubber at different temps. (3) The stretching of cellulose is reversible like that of rubber, but only for much smaller degrees of extension; the narrower limits indicate that the cohesive forces between the carbohydrate chains in cellulose are much larger than those between the hydrocarbon chains in rubber and the lattice is therefore able to recover only from much smaller distortions. (4) Distorted cellulose fibers can be stabilized by syneresis just as distorted rubber can be stabilized by cooling. All these considerations indicate that in the formation of the fiber and in its subsequent deformation macromol. processes play the principal role... T. H. Dunkelberger." - *Chem. Abs.* 34(17): 6063. Sept. 10, 1940.

108. Richardson, R. P. Quality in cotton warp yarn. *Textile Mfr.* 66(790): 377-378. Oct. 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126

"Abstract of paper to the Textile Association (India)--  
*Textile Digest*, 2, 2, p. 69."

"Emphasis is placed on the value of working-load-elasticity

of warp yarn, means by which it is attained, and a tentative method outlined of direct test of the property."

109. Saitô, Gi-iti. Das verhalten der cellulose in alkalilösungen, XI-XIII. Ueber die wahre alkali- und wasseraufnahme von cellulose. Soc. Chem. Indus. Japan Jour. (Sup. Binding) 43(5): 133B-136B. May 1940. (Published by the Society of Chemical Industry, Yuraku Bldg., Marunouti, Tokyo, Japan) J 385 J82

Behavior of cellulose in alkali solution. XI-XIII. On the true alkali and water absorption of cellulose.

"The cellulose-alkali system has been studied by steeping the fibre in the alkali hydroxide solution containing salt and determining the change in the composition of the supernatant liquid... At the same alkali concentration the alkali absorption decreases in the order rayon, ramie, cotton. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(19): 486. Oct. 15, 1940.

110. Saitô, Gi-iti. Das verhalten der cellulose in alkalilösungen, XIV-XVII. Veränderung der cellulose durch verdünnung der natronlauge bzw. durch temperaturveränderung, parallelität zwischen quellung und löslichkeit sowie fraktionierung der celluloseprobe. Soc. Chem. Indus. Japan Jour. (Sup. Binding) 43(6): 160B-161B. June 1940. (Published by the Society of Chemical Industry, Yuraku Bldg., Marunouti, Tokyo, Japan) J 385 J82

The behavior of cellulose in alkali solutions. XIV-XVII. Change in cellulose through dilution of the caustic soda by change in temperature, parallelism between swelling and solubility as well as fractionation of the cellulose sample.

"Curves are given showing the effects of dilution of the caustic soda solution and of change in temperature on the swelling and the apparent alkali adsorption of ramie and cotton in caustic soda solutions. At 20° C. dilution of the alkali causes decreases in alkali adsorption whilst the swelling increases, passes through a maximum and then decreases. The changes are dependent on the original concentration of alkali. Observations of X-ray diagrams on dilution of Na-Cellulose II and Na-Cellulose I show that the diagrams do not change until concentrations corresponding to the swelling maxima are reached. Swelling and alkali adsorption increase with reduction in temperature, but increase in temperature produces very little decrease in swelling and alkali adsorption... - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(20): 507. Oct. 31, 1940.

111. Wiegerink, James G. Effects of drying conditions on properties of textile yarns. [U. S.] Natl. Bur. Standards: Jour. Res. 25(4): 435-450. Oct. 1940. (Published in Washington, D. C.) 157.88 J82

"Yarns made from raw cotton, 'purified' cotton, mercerized cotton, clothing wool, carpet wool, viscose rayon, cuprammonium rayon, cellulose acetate, and degummed silk were saturated with



water and then exposed for periods of 1/2 to 6 hours in air having temperatures of 221°, 257°, and 302°F and absolute humidities of approximately 1, 55, and 95 percent, respectively. After conditioning the dried yarns for at least 24 hours in air of 65-percent relative humidity and 70°F, measurements were made of the breaking strengths, elongations at break, and moisture contents of the yarns; the fluidities of dispersions of the cellulosic fibers in cuprammonium solution, of the silk in aqueous zinc chloride, and of the acetate in aqueous acetone; and the relative affinities of the cellulosic fibers for the dye benzopurpurine 4B and of the wools for acid dyes. Heating the yarns for 6 hours at 221°F at each of the three humidities weakened all of them. The breaking strength and elongation at break of the viscose, cuprammonium, degummed silk, and cotton yarns decreased still more at higher temperatures. In comparison with heating at 1-percent absolute humidity, heating at 95-percent absolute humidity resulted in lower breaking strengths and elongations at break for all yarns except the raw cotton, higher fluidities, lower affinity of cellulosic fibers, and higher affinity of wool fibers for the dyes. Heating for 1/2 hour at 302°F had little effect on the properties of the yarns except the viscose and cuprammonium rayon, which were adversely affected. The damage which occurred at a given temperature and humidity increased throughout the heating period."

See also Items nos. 5, 134, 204, 216, 220.

#### Technology of Manufacture

112. Alabama operating executives. Discuss carding and spinning problems at first meeting of new association. Textile World 90(12): 89-90. Dec. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315  
"Alabama Textile Operating Executives held their first discussion meeting Nov. 9, in Duncan Hall, Auburn, Ala."  
Also reported in Cotton [Atlanta] 104(12): 66-70. Dec. 1940.
113. Chatfield, James. Future improvements in cotton spinning. A technician's forecast. Textile Age 4(12): 34-39. Dec. 1940. (Published at 381 Fourth Ave., New York, N. Y.) 304.8 T3132  
"The first of two articles on potential improvements in the cotton spinning industry."
114. Gill leather company. The A-B-C and X-Y-Z of cotton spinning roller coverings. 34pp. [Salem, Mass., 1940]  
Types of roller coverings are described and compared.  
Extracts in Textile World 90(12): 64-65. Dec. 1940.
115. Gressard, C. F. Modern roller covering. "Koroseal:" a synthetic material. Textile Weekly 26(664): 677-678. Nov. 22, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127



116. Harrison, Frank. Students' mathematics manual. Speed calculations. Canad. Textile Jour. 57(23): 38-39. Nov. 8, 1940. (Published at 1434 St. Catherine St. W., Montreal, Canada) 304.8 C16  
Calculations are given for use in a spinning mill.
117. New bushing assures true-running bobbins. Amer. Wool and Cotton Rptr. 54(49): 32. Dec. 5, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88  
The bushing invented by the Textile Shield Company of Lawrence is described.
118. Platt bros. and co. ltd. Platt's new card. Incorporates all modern developments. Textile Weekly 26(659): 499-500. Oct. 18, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127  
To be continued.
119. The process of fibre downing cotton fabrics. Fibre and Fabric 93(2913): 14-15. Nov. 30, 1940. (Published by Wade Publishing Co., 465 Main St., Cambridge, Mass.) 304.8 T44  
"A process for electrically embossing fabrics with shortcut fibres, that promises to develop a whole new field of decorative treatments on dress and drapery fabrics, has been perfected by Arnold Print Works." The process is described.
120. Richards, Benjamin. Textiles. 28pp. New York, Insurance institute of America [1940]  
"A lecture delivered before the Chicago Study Club, March 5, 1935, revised 1940."  
Cotton manufacturing processes are described and fire hazards in cotton mills are briefly discussed.
121. Saco-Lowell interlocking metallic roll, type "AT". A new roll which removes a source of unevenness in roving. Saco-Lowell Bul. 12(2): 10-12. Oct. 1940. (Published at 60 Batterymarch St., Boston, Mass.) 304.8 Sal
122. Saco-Lowell roller cards. A brief summary of its advantages. Saco-Lowell Bul. 12(2): 31. Oct. 1940. (Published at 60 Batterymarch St., Boston, Mass.) 304.8 Sal
123. [Saco-Lowell shops] The nitritex top rolls. Saco-Lowell Bul. 12(2): 36-37. Oct. 1940. (Published at 60 Batterymarch St., Boston, Mass.) 304.8 Sal

See also Item no. 217.

#### Technology of Consumption

124. "Anti-shatter" window fabrics. How cotton textiles are providing protection from splintered glass. Textile Weekly 26(664): 688. Nov. 22, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

125. [Birkhead, Claude V.] Tents better than cantonments and healthier, view. Texas general tells Cotton council heads cotton canvas should be used. Cotton Trade Jour. 20(49): 7. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

126. Cotton-backed fleece winter wear feature. Cotton Trade Jour. 20(52): 4. Dec. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"One hundred thousand pounds of cotton per month is going into cotton-backed fleece for winter coats, according to the Cotton-Textile Institute which reports that this backing is gaining popular favor."

127. Cotton for our aviation needs displaces flax. Cotton Digest 13(12): 3. Dec. 21, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Displacement of flax in the manufacture of parachute harness, safety belts and other aviation supplies, by a new yarn developed by the Bibb Manufacturing Company, is noted.

128. Cotton goes to the roof. Country Gent. 110(12): 66. Dec. 1940. (Published by the Curtis Publishing Co., Independence Square, Philadelphia, Pa.) 6 C833

Editorial comment on a new use for cotton, the cotton-cement shingle, invented by J. Harris Hardy of Artesia, Mississippi.

129. Cotton in automobiles. Cotton Trade Jour. 20(49): 1. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"On the basis of figures provided by the National Cotton Council...the amount of cotton used in 1941 models varied from 51 pounds for the smaller cars up to about 81 for the larger ones."

130. Cotton roofing machines to be sold. Cotton Digest 13(2): 3. Dec. 14, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Plans for the manufacture of machines and equipment for use with the new style roof made of cotton and concrete are noted.

131. Cotton stockinette for meat wraps. Textile Mfr. 66(790): 375. Oct. 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126

"Extraordinary differences of opinion regarding the extent of Australian requirements of cotton stockinette for meat wrapping, and differences in quality are commented upon in the Australian Tariff Board's report on an application by Australian cotton manufacturers for duties on these materials, opposed by the meat firms."

132. Embossed cotton fabric offered as "fibredown." Cotton Trade Jour. 20(50): 1. Dec. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214



133. Evans, Robert B., and Cheatham, R. J. Utilization of cotton and other materials in cordage and twine. 48pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.  
 "This report is the twenty-fourth [i. e. twenty-third] of a series by the Bureau of Agricultural Economics relating to the utilization of American cotton."  
 Extracts in Cotton Trade Jour. 20(51): 1, 8. Dec. 21, 1940; Cotton Digest 13(12): 8. Dec. 21, 1940.
134. Finch, J. M. Insulating paper in the telephone industry. Indus. and Engin. Chem. (Indus. ed.) 52(8): 1021-1028. Aug. 1940. (Published by American Chemical Society, Mills Bldg., Washington, D. C.) 381 J825  
 Literature cited, p. 1028.  
 "The effect of moisture on the insulation resistance of washed and unwashed cotton and of cellulose acetate rayon is discussed. - C." - Textile Inst. Jour. 31(10): A571. Oct. 1940.
135. Hunter, Ann G. Cotton has a fashion career. Cotton Ginners' Jour. 12(3): 5, 9. Dec. 1940. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824  
 Uses of cotton in dress fabrics are noted.
136. The largest tire. Tex. Farming and Citric. 17(6): 13. Dec. 1940. (Published by Watson Publishing Co., 319 East Jackson St., Harlingen, Tex.) 80 T31  
 Use of more than one and one-half bales of cotton in a tire manufactured by the Firestone Tire and Rubber Company is noted.
137. [McGuinness, Madge C. L.] Cotton stockings urged for health by woman doctor. Cotton Trade Jour. 20(49): 6. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
 "Much of the trouble with young people as far as colds and arthritis are concerned is caused by the extra thin stockings developed in recent years."
138. Malcolm, Ola Powell. Report of cotton mattress demonstration as of August 24, 1940. 1p., processed. Washington, U. S. Dept. of agriculture, Extension service, 1940. 1.913 H2R291  
 A statistical table showing the number of applications received and number of mattresses made, by states, under the Department of Agriculture's mattress-making program.
139. [Miller, Joshua] Cotton for military parachutes, promising substitutive material. Is one of usable substitutes available should emergency require. Cotton Trade Jour. 20(52): 1, 5, 8. Dec. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
 Text of address "delivered at the recent symposium on textile preparedness under the auspices of the American Association of Textile Technologists," is given.  
 Extracts in Textile Age 4(12): 49-53. Dec. 1940.



140. Rubber belting on the farm and station. Past. Rev. 50(10): 919-920. Oct. 16, 1940. (Published at 122 King St., Melbourne, Australia) 23 Au75

"For the following advice on rubber belting, which usually consists of a cotton or canvas duck treated with rubber, we are indebted to the British Rubber Publicity Association." Methods of using such belting are described.

141. Textile fabric substitutes for window glass. Textile Weekly 26(659): 503-504. Oct. 18, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

"Two main lines of attack on the problem can be followed. In the first a fabric having a suitable size of mesh can be so treated that the holes are filled up with a film of transparent material. In the second, a mesh fabric is stuck to a sheet of transparent film for the purpose of increasing its strength which would otherwise be insufficient!"

142. To use cotton in paper making. Cotton Digest 13(10): 13. Dec. 7, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Brief report of method developed at Mellon Institute, by the Cotton Research Foundation.

143. U. S. Congress. Senate. Committee on appropriations. Third supplemental National defense appropriation bill for 1941. Hearings... Seventy-sixth Congress, third session on H. R. 10572, a bill making supplemental appropriations for the national defense for the fiscal year ending June 30, 1941, and for other purposes... 56pp. Washington, U. S. Govt. print. off., 1940. 148.7 Ap66 1941 3d.

Prohibition against use of cotton grown on irrigated land [in the manufacture of cotton clothing for the army] pp. 25-26.

144. U. S. Dept. of agriculture. Bureau of agricultural chemistry and engineering. Farm products and by-products for industrial use. U. S. Dept. Agr. Bur. Agr. Chem. and Engin. ACE--55, 69pp., processed. [Washington, D. C., 1940] 1.932 A2Ag8  
Cotton [including linters and cottonseed] pp. 20-22.

145. U. S. Dept. of agriculture. Extension service. Make surplus cotton work. [16]pp. Washington, D. C. [1940]

The cotton stamp plan, the cotton-mattress program and other projects to "turn surplus cotton into better living" are discussed. The publication is illustrated with photographs.

146. U. S. Dept. of agriculture. Extension service. Utilization of cotton in the home. Excerpts from annual reports of state and county extension agents 1939. Prepared by Surveys and reports section, Division of field coordination. 12pp., processed. Washington, D. C., 1940. 1.913 S2Ut31

Results of the home mattress making campaign are reported.

COTTONSEED AND COTTONSEED PRODUCTS

147. A., A. F. La pasta de semilla de algodón como abono. Compañía Administradora del Guano. Boletín 16(9): 293-295. Sept. 1940.  
(Published at Apartado no. 2147, Lima, Peru) 57.9 C73B  
Cottonseed pulp as fertilizer.
148. Argollo Ferrão, V. A. Oleo de caroço de algodão. O Campo 10(117): 13. Sept. 1939. (Published at Rua S. José, 52, Rio de Janeiro, Brazil) 9.2 C15  
Cottonseed oil.
149. Davis, Leon H. Public relations program of the cottonseed oil industry. Com. Fert. 61(6): 20, 22-24. Dec. 1940. (Published by Walter W. Brown Publishing Co., 223 Courtland St., N. E., Atlanta, Ga.) 57.8 C73  
An address before the 16th annual Southern convention of the National Fertilizer Association, Atlanta, Ga., November 19, 1940.
150. Hogs and cottonseed oil. Prog. Farmer (Miss. Val. ed.) 55(10): 6. Oct. 1940. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81  
Editorial on competition between cottonseed oil, a product of the South, and lard and soybean oil produced in the North.
151. International cottonseed products directory, vol. 26...1940/41 ed. 308, 296pp. Dallas, Tex., Cotton and cotton oil press [1940] 72 In83 v.26 1940/41
152. Kulkarni, K. S. Vegetable oil seeds and oils; a review of the international situation and India's position. Poona Agr. Col. Mag. 33(2): 41-49. Sept. 1940. (Published at Poona, India) 22 P79  
Cottonseed is discussed on pp. 42-43.
153. Olcott, H. S. and Bass, L. W. The cottonseed research program of the National cotton council. Cotton and Cotton Oil Press 41(26): 5-7, 18. Dec. 21, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
154. Olcott, H. S., and Fontaine, T. D. Effect of aging cottonseed meal on the solubility of the proteins. Amer. Chem. Soc., Jour. 62(12): 3519. Dec. 1940. (Published by the American Chemical Society, Mills Bldg., Washington, D. C.) 381 Am33J
155. Research in processing cottonseed. Cur. News of Chem. and Chem. Engin. (News ed.) 18(22): 987. Nov. 25, 1940. (Published by American Chemical Society, 706 Mills Bldg., Washington, D. C.) 381 J825W  
Work of the Engineering Experiment Station, University of Tennessee, is described briefly.



156. Rosenthal, Henry, and Trevithick, H. P. Extraction of cotton-seed oil with liquid carbon dioxide. Oil and Soap 17(12): 264. Dec. 1940. (Published by Gillette Publishing Co., 330 South Wells St., Chicago, Ill.) 307.8 J82
157. Royce, H. D., Harrison, J. R., and Deans, Parker D. Determination of gossypol in crude cottonseed oil. Indus. and Engin. Chem. (Analyt. ed.) 12(12): 741-744. Dec. 16, 1940. (Published by American Chemical Society, Mills Bldg., Washington, D. C.) 381 J825A  
Literature cited, p. 744.
158. Walsh, Robert M. Wholesale prices of fats and oils in the United States: index numbers, 1910-39. U. S. Dept. Agr. Tech. Bul. 737, 27pp. Washington, D. C., 1940. 1 Ag84Te  
Cottonseed oil is included.
159. Ward, A. L. Cotton-livestock blend. South. Agr. 12(70): 19. Dec. 1940. (Published at 1523 Broadway, Nashville, Tenn.) 6 So83  
Use of cottonseed products as feed for livestock is noted.

See also Items nos. 2, 22, 101, 144, 190, 204, 209, 219, 220, 222.

#### LEGISLATION, REGULATION, AND ADJUDICATION

##### Legislation

160. [Armstrong, Wade H.] Armstrong raps certificate plan. Cotton Digest 13(13): 4. Dec. 28, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
Solution of the cotton problem by a payment of six cents per pound on all cotton produced is suggested.
161. California farm bureau federation. Cotton department. [Resolution adopted at the annual meeting held in Stockton, November 11-14, 1940; 3pp., processed. [Stockton? Calif., 1940]  
A seven point cotton program for the United States is recommended.
162. Congress still undecided on 1941 cotton program. Cotton Digest 13(13): 10. Dec. 28, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
An editorial discussing government cotton policies and the income certificate plan.
163. Cotton board in Britain hails duty action by Canada. Points out end of tariff on English cloth leaves Dominion mfrs. in prewar competitive position. Daily News Rec. no. 285, pp. 1, 6. Dec. 5, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

164. Income certificate plan newest government idea. Cotton Digest 13(10): 8. Dec. 7, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
An editorial.
165. Interior warehousemen winners as Senate bars reconcentration. Unanimity is total, lacking any statement of CCC point of view. Cotton Trade Jour. 20(49): 1, 3, 7. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
"No action will be taken with regard to bids for rewarehousing of CCC cotton until Secretary of Agriculture Wickard has had opportunity to study the Senate resolution requesting postponement to next year." The resolution and a transcript of Senate discussions regarding it are also given.  
Also noted in Cotton Digest 13(10): 12. Dec. 7, 1940.
166. Jamieson, Edward. Certificate plan to be accepted, Washington says. Administration sees sufficient industry support, wrinkles ironed out. Cotton Trade Jour. 20(49): 1, 4. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
167. McDonald, J. E. 1941 cotton outlook. Cotton Ginners' Jour. 12(3): 7. Dec. 1940. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824  
The adoption of the Domestic Allotment plan is urged.
168. [National farmers' union] Legislation recommended by National farmers' union. Cong. Rec. 86(221): 21654-21655. Dec. 23, 1940. (Published by U. S. Congress, Washington, D. C.) 148.2 R24  
Extension of federal crop insurance to cotton was included in the recommendations adopted at the annual meeting held in Denver, Colorado, November 18-20, 1940.
169. [National grange] The grange program for agriculture. Cong. Rec. 86(221): 21668-21669. Dec. 23, 1940. (Published by U. S. Congress, Washington, D. C.) 148.2 R24  
Among resolutions adopted at annual meeting, Syracuse, New York, November 13, 1940 were: adequate appropriations for pink bollworm control; legislation to provide for the marketing of cotton on a net weight basis; and "federal assistance to cotton growers, as far as practicable, in their present plight."
170. [Newburger, E. K.] Cotton certificate plan "impractical," says E. K. Newburger. Daily News Rec. no. 296, p. 12. Dec. 18, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48  
"The proposed cotton 'certificate plan' would be impractical under war conditions and...in any event, it would be just another processing tax, to which the industry is basically opposed."



171. O'Neal, Edward A. What does the future hold for the American cotton grower? 6pp., processed. [Chicago, Ill., American farm bureau federation] 1940.

Address at the annual meeting of the Cotton Department, California Farm Bureau Federation, Stockton, California, November 11, 1940.

The need for and methods of financing a farm program for cotton and other crops are discussed.

172. [Revere, C. T.] Certificate plan not to displace loan, says Revere. Provision for mandatory loan not likely to be repealed, is view. Cotton Trade Jour. 20(49): 1, 7. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

173. [Robbins, Carl B.] Proposes flexible cotton certificate based on parity. Daily News Rec. no. 287, pp. 1, 6. Dec. 7, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

174. Stage being set to sell income certificate plan. Cotton Digest 13(2): 8. Dec. 14, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
Editorial.

175. U. S. Congress. House. Committee on agriculture. Reinburse cotton cooperative associations for losses occasioned by the Federal farm board's stabilization operations... Hearing before a subcommittee... Seventy-sixth Congress, third session, on H. R. 6749... S. 1710... S. 231, H. R. 299, H. R. 6853, and H. R. 7617... March 18 and April 23, 1940. Serial L., 80pp. Washington, U. S. Govt. print. off., 1940. 284 Un34Re

176. U. S. Congress. Senate. Committee on agriculture and forestry. Refund of taxes under Bankhead act. Hearing... Seventy-sixth Congress, third session on S. 963, a bill providing for the refund of taxes collected under public law numbered 169, Seventy-third Congress, known as the Bankhead act. March 22, 1940. 51pp. Washington, U. S. Govt. print. off., 1940. 284.5 Un342R

177. U. S. Dept. of agriculture. Office of foreign agricultural relations. Australia increases bounty payments to cotton growers. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(24): 901-902. Dec. 16, 1940. (Published in Washington; D. C.) 1.9 St2F

"The basic rate of bounty payments to Australian cotton growers was raised by an Act of Parliament approved on August 22, 1940, to 4.75 pence, Australian currency (6.4 cents) per pound for 1941, with provisions for a progressive decline to 3.5 pence (4.7 cents) in 1945, according to a report from American Consul Wilson C. Flake at Sidney."

Also noted in Cotton Trade Jour. 20(51): 6. Dec. 21, 1940; Cotton Digest 13(12): 6. Dec. 21, 1940.

Regulation

178. Bett, Alph A. "Five-cent cotton is more trouble." Prog. Farmer (Ga.-Ala.-Fla. ed.) 55(12): 45. Dec. 1940. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G  
Reasons given by one farmer for voting for the cotton marketing quota.
179. Cotton quotas again voted. Production and marketing control plan carries by a large majority. Program inaugurated in 1938 and in effect continuously. Limitations 1941 same as 1940. Tex. Co-op. News 20(12): 1. Dec. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F
180. Egypt--British government cotton buying commission. Official buying prices. Cotton [Manchester] 46(2236): 3. Nov. 16, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826  
Table gives prices for the various grades of Egyptian cotton, as issued by the Egyptian Ministry of Finance.
181. Emergency raw cotton delivery contracts approved by Ministry of supply, and to be proposed for acceptance by Liverpool cotton association. Textile Weekly 26(663): 640, 642. Nov. 15, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127  
"The principal alteration in the new contracts is that whereas in the old contract cotton had to be tendered from Liverpool warehouses, tenders may now be made from approved warehouse in Liverpool, Manchester, or Salford... Moreover in the old contract the value of any lot tendered was based on the futures ruling on that day, whereas in the new contract if the seller has not fulfilled any contracts by delivery of cotton to the buyer, such contracts, if not liquidated... must be closed by being invoiced back at the 'official value' ruling on the last business day of the month."
182. Government control rapped in meeting. Cotton Digest 13(10): 9, 13. Dec. 7, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
Report of a meeting held "in the Louisiana State University agricultural extension auditorium at Baton Rouge under the auspices of officials of the AAA" is given. "Government price-fixing and further reduction of cotton acreage both were opposed as means of upholding the price of cotton in 1941."
183. Japan plans move to control cotton imports and price. Unlikely to affect sales of U. S. much--exports 10 per cent of last year's. Jour. Com. [N. Y.] 186(14408): 1, 9. Dec. 14, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82  
"Plans of the Japanese Ministry of Commerce and Industry to establish a company to control importation and distribution of cotton for that country" are reported.



184. Marketing quota voting. Cotton Trade Jour. 20(50): 2. Dec. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Editorial stating that "the returns show that 61,408 farmers voted against the government system of raising and marketing cotton. About 1,500,000 more farmers did not vote at all, either because they were indifferent, were against the system and stayed away from the polls because they were afraid to vote according to their convictions or because they thought it the best way to handle the matter."

185. Referendum favors marketing quotas, most shun polls. Incomplete returns show 61,802 against, 783,054 for; 92.7 per cent for. Cotton Trade Jour. 20(50): 1. Dec. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Also noted in Cotton Digest 13(2): 12. Dec. 14, 1940.

186. Seek end of quota on types of cotton. Action asked on 1 11-16-inch or more for defense at Tariff commission hearing. Jour. Com. [N. Y.] 186(14406): 3. Dec. 12, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

"The National Defense Advisory Commission has advised the Tariff Commission that the defense program requires additional supplies of cotton having a staple of 1 11-16 inches or more in length, and that such supplies are prevented from entry by the existing quotas."

187. Sommer, Robert. French textile regimentation sets hard task. Government endeavor to manage insufficient supplies begins in bad time. Cotton Trade Jour. 20(52): 6. Dec. 28, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

188. U. S. Dept. of agriculture. Agricultural adjustment administration. Parity rates reduced on cotton. Cotton Digest 13(11): 5. Dec. 14, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

The rate of payment offered for compliance with special acreage allotments for cotton is reduced from 1.44c per pound for 1940 to 1.37c for 1941.

189. U. S. Dept. of agriculture. Agricultural adjustment administration. Division of information. The AAA---what it is; why we need it; how it developed; how it is administered; how it is financed; how it applies to a farm; what it has done. U. S. Dept. Agr. Agr. Adjustment Admin. G-102, 14pp. Washington, D. C., 1940. 1.4 Ad4Ge

Cotton, p. 13.

190. U. S. Dept. of agriculture. Commodity exchange administration. Order designating the Memphis merchants exchange clearing association as a contract market for cottonseed meal and soybean meal. [U. S.] Natl. Arch. Fed. Register 5(239): 4876. Dec. 10, 1940. (Published in Washington, D. C.) 169 F31

191. U. S. Dept. of agriculture. Office of foreign agricultural relations. Liverpool cotton futures under new emergency contract. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 41(23): 848. Dec. 9, 1940. (Published in Washington, D. C.) 1.9 St2F

Brief explanation of British Control of Cotton Industry Orders nos. 13 and 14.

192. U. S. Pres., 1933- (Roosevelt). Suspending quotas on imports of certain cotton [one and eleven-sixteenths inches or more in length] by the president of the United States of America. A proclamation. [U. S.] Natl. Arch. Fed. Register 5(249): 5229. Dec. 24, 1940. (Published in Washington, D. C.) 169 F31

Also noted in Cotton Digest 13(13): 6-7. Dec. 28, 1940.

193. U. S. Tariff commission. Cotton having a staple of one and eleven-sixteenths inches or more in length. Report to the President under section 22 of the Agricultural adjustment act of 1933 as amended. 5pp., processed. [Washington, D. C.] 1940.

The report recommends suspension of import quotas on cotton of one and eleven-sixteenths inches or more in length.

See also Item no. 84.

#### Adjudication

194. Cottonseed oil firm is named in Mississippi suit. Control of gins by mills complained of; \$65,000 penalties sought. Cotton Trade Jour. 20(50): 8. Dec. 14, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"Two suits alleging violation of state laws by the Mississippi Cotton Products Company and others were filed Tuesday in LeFlore County Chancery Court by Attorney General G. L. Rice. The violations alleged have to do with the state law forbidding operations of gins by cottonseed oil mills in communities other than those in which the mills are located."

195. Georgia cotton mills fined \$1,500 total in wage-hour cases. Cotton and Cotton Oil Press 41(26): 16. Dec. 21, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

The fines were imposed on the Eastman Cotton Mills of Eastman, Georgia, for violations of the Wage and Hour law.

196. Wage hour law constitutionality defended in Supreme court brief. Opp case takes on added importance following Logan-Walter bill veto. Cotton Trade Jour. 20(51): 1, 7. Dec. 21, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from a brief upholding the legality of wage increases ordered by the Wage and Hour Division of the Department of Labor, filed by Solicitor General Francis Biddle in answer to appeals of the Opp Cotton Mills, Inc., are given.



MISCELLANEOUS--GENERAL

197. Agriculture and animal husbandry in India, 1937-38. Issued under the authority of the Imperial council of agricultural research. 416pp. Delhi, Manager of publications, 1940. 22 Ag82A 1937/38  
Includes reports on cotton breeding schemes, variety improvement, legislation, marketing, etc., pp. 32-48; matters of genetical interest, pp. 118-120, physiological work, pp. 128-129; insects, pp. 141-142.
198. [American cotton shippers association] Industry parley on cotton policy sought by ACSA. All-day session of board and committeemen leads to plan of action. Cotton Trade Jour. 20(49): 1, 4. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
At a recent meeting the National Affairs and Contact Committee was authorized "to appoint a subcommittee of four members to contact officials of the Department of Agriculture, and to meet with growers and manufacturers and other interested groups in an effort to work out a solution to some of those problems which vitally affect, not only their welfare, but the welfare of the entire South."  
Also noted in Cotton Digest 13(10): 4. Dec. 7, 1940.
199. Annual cotton handbook for daily cable records of American, East Indian and Egyptian crops, together with Liverpool, Brazilian, and other statistics; containing much useful and reliable information for the cotton trade, season 1940-41. 320pp. London, Contelburo, limited, 1940. 72.8 C73 70th 1940/41
200. Atchison, J. C. Reexamination of entire situation in cotton urged. Agriculture secretary sees need to study problems growing out of war. Daily News Rec. no. 280, p. 4. Nov. 29, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
201. Burma. Dept. of agriculture. Report of the agricultural stations for the year ending the 31st March, 1940. 247pp. Rangoon, Supt. Govt. printing and stationery, 1940. 22 B92An 1939/40  
Partial contents: Experimental work with cotton, pp. 193-197; Manurial test with cotton, pp. 208-210; Cotton sowing and treating experiment, pp. 210-212; Cotton pests and diseases, p. 212; Cotton, pp. 229-231.
202. Cotton burs as an industrial crop. Development should bring millions of dollars new income to Texas farmers. Tex. Co-op. News 20(12): 7. Dec. 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F  
Efforts of scientists at Texas Technological College to develop industrial uses for cotton burs are noted.

203. A cotton problem. Industry must plan for more difficult future and adjust itself to new basis--more research in industrial cottons--prices and other fiber competition. Amer. Wool and Cotton Rptr. 54(46): 7-8, 32-33. Nov. 14, 1940. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.)  
304.8 W88

204. Cotton research congress, Waco, Texas, June 27-29, 1940. Papers presented. various paging, processed. [n. p., 1940] 72.9 C825  
A collection of 37 separately paged mimeographed papers.  
Contents: Cottonseed oil--old and new uses, by J. S. Abbott; Shift in cotton production, by D. A. Bandeen; Possible methods for increasing the consumption of cotton and cotton by-products, by C. A. Basore and A. R. Macormac; Mechanization and its relation to the cost of producing cotton in Texas, by C. A. Bonnen; Development of the chemical cotton cellulose industry, by W. F. Bowld; Land classification--inventory and characterization of our land resources in relation to cotton production, by W. T. Carter; The world cotton situation, by W. L. Clayton; The purpose of this congress, by A. B. Conner; The cotton industry of Texas, by A. B. Cox; Cost of producing cotton in five areas in Texas, by P. H. Czarowitz; Economic significance of cotton disease control, by A. A. Dunlap, W. M. Ezekiel, H. E. Rea, C. H. Rogers, and P. A. Young; Some suggestions for new chemical research on cotton and a review of recent developments, by E. K. Everett; Ginning and packaging practices in relation to quality and value of cotton, by Francis L. Gerdes; Cotton in relation to other textile fibers, by Milton Harris; Aid given by the Department of Agriculture in expanding the consumption of cotton, by Grover B. Hill; A review of the recent developments in cotton breeding as related to yield and quality, by D. T. Killough; A new research attack on the cotton problem, by Henry G. Knight; The tragic plight of cotton and its effect upon the state and nation, by E. J. Kyle; Recent trends in cotton finishing, by Samuel Lenher; Cottonseed as a source of a new type flour, by C. W. McMath; The technology of the cottonseed crushing industry, by K. S. Markley and D. F. J. Lynch; Cottonseed oil, a typical American industry, by John F. Moloney; The importance of cotton in the American economy, by Peter Molyneux; Promoting larger uses of cotton products through merchandising efforts, by Claudius T. Murchison; Industrial research activities of the National cotton council, by H. S. Olcott, D. H. Musser, R. F. Nickerson, and L. W. Bass; Factors related to low cost ginning, by W. E. Paulson; What about our Texas cotton: export machinery? by Roland Roggenbrod; Cotton standardization in relation to yield, quality and income, by J. H. Saunders; New and expanded uses for cotton lint through chemistry, engineering, and education, by E. P. Schoch and Simon Williams; Changing cotton horizons, by Victor H. Schoffelmayer; The place of cotton [in] farming systems in Texas, by type-of-farming areas, by B. H. Thibodeaux; Economic significance of cotton insect control, by F. L. Thomas; Purchase of cotton from growers strictly on the basis of quality, by Elmore R. Torn; Interstate trade barriers and the cotton industry,



by Paul T. Truitt; The development of uses of cottonseed feed products, by A. L. Ward; The significance of cotton fiber properties with respect to utilization, by Robert W. Webb; [Foreign trade and the cotton problem, by Ben J. Williams.

205. Cotton-textile institute, inc. Experts discuss distribution at institute's 14th annual meeting. 23pp. [New York, 1940]  
304.9 C82P

Issued as supplement to Current information, the Cotton-Textile Institute, Inc., v. 1, no. 1, Nov. 7, 1940.

Proceedings of the 14th annual meeting, held in New York, October 23, 1940. Addresses of Goldthwaite H. Dorr, C. T. Murchison, Paul B. Halstead, Charles K. Everett, Nova A. Eismor, John P. Nichols, Lew Hahn, Howard Veit, Sidney H. Scheuer and Robert C. Kelley, are included.

206. Cotton year book, 1940. 853pp. Manchester, Textile mercury limited [1940]. 72.9 C82 1940

207. Duggan, I. W. [Some of the aspects of the farm problem as it touches the lives and fortunes of Southern people] 9pp., processed. Washington, U. S. Dept. of agriculture, Agricultural adjustment administration, 1940.

Address at the annual meeting of the American Farm Bureau Federation, Baltimore, Maryland, December 9, 1940.

Topics discussed in the address included the cotton situation, export subsidies and the income certificate plan.

Also in Cong. Rec. 86(219): 21560-21563. Dec. 18, 1940.

208. FitzSimmonds, A. L. American farm bureau federation asks cotton prices brought up to parity. Cotton and Cotton Oil Press 41(26): 14-15. Dec. 21, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Report of annual meeting of the American Farm Bureau Federation held in Baltimore, Maryland, December 9, 1940. Extracts from address of Edward O'Neal are included.

209. Hutchinson, W. M. [Hodgen] Holmes, not Whitney, invented first successful saw gin, Hutchinson says. Com. Fert. 61(5): 14-18. Nov. 1940. (Published at 223 Courtland St., N. E., Atlanta, Ga.) 57.8 C73

From the Augusta, Georgia, Herald.

Brief account of the invention of the saw gin and the development of the cottonseed oil industry, is given.

210. Imperial agricultural research institute, New Delhi. Scientific reports...for the year ending 30th June 1939. 144pp. Delhi, Manager of publications, 1940. 107.5 P97R 1938/39

Partial contents: Pests of cotton [by B. Viswa Nath] p. 13; Cotton [variety testing, by Arjan Singh] p. 23; Statement of crop yields during 1938-39 [cotton] p. 45; Report of the imperial entomologist. II. Special investigations. 1. Ecology of spotted

bollworms (*Earias* spp.) of cotton and their important parasites, by Hem Singh Pruthi, pp. 116-118.

211. Jackson, Burris C. A year of Texas' work. The Statewide cotton committee [of Texas]. Cotton Digest 13(13): 4. Dec. 28, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
212. [Murchison, C. T.] Textile readiness to handle defense orders is praised. Murchison in radio forum says industry can take the overload in stride. Cotton Trade Jour. 20(49): 2. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
213. [National cotton council of America] Hundred percent American cotton emblem adopted. National cotton council marking designed to meet consumer demand. Cotton Trade Jour. 20(49): 1. Dec. 7, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214  
 An announcement of "a campaign to secure nationwide use of its newly adopted '100% American Cotton' emblem by all firms engaged in the processing, manufacture, handling and advertising of cotton goods," is noted.
214. R., U. La crisi del cotone avanti e durante la guerra europea. Rivista Italiana di Scienze Economiche 12(1): 100-103. Jan. 1940. (Published by Nicola Zanichelli, Bologna, Italy)  
 The cotton crisis before and during the European war.
215. Select May 16-24 for cotton week. Consumption council also adopts 14-point national promotional campaign. Jour. Com. [N. Y.] 186(14414): 8. Dec. 21, 1940. (Published at 65 Park Row, New York, N. Y.) 286.8 J82  
 Also noted in Cotton Digest 13(13): 7, 15. Dec. 28, 1940.
216. Shulimov, M. V., Federov, V. S., and Chapkovskii, K. A. [Study of cotton and ginning.] 319pp. Moskva [etc.] Gosudarstvennoe izdatel'stvo legkoï promyshlennosti, 1934. 72 Sh9
217. [Southern textile association. Eastern Carolina division] Material-handling methods discussed at Durham STA. Cotton [Atlanta] 104(12): 72-74. Dec. 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823  
 Report of meeting at West Durham, N. C., November 2, 1940.
218. [Southern textile association. Piedmont division.] Piedmont division, S. T. A. digs into wage and hour law. Textile Bul. 59(7): 12, 14-15, 38-42. Dec. 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82  
 Report of meeting in Charlotte, N. C., on October 19th.



219. U. S. Dept. of agriculture. Agricultural statistics, 1940. 737pp. Washington, U. S. Govt. print. off., 1940. 1 Ag84Yas  
Statistics of cotton, cottonseed, rayon, silk and jute, pp. 108-138.
220. U. S. Dept. of agriculture. Agricultural marketing service. Report of the chief of the Agricultural marketing service, 1940. 45pp. Washington, D. C., 1940. 1 M341  
Includes reports on dissemination of cotton price quotations and market news, preparation of standards for cotton and linters, classification of cotton for organized groups of producers, supervision of the sampling and grading of cottonseed, classification of linters, activities under the United States Warehouse Act, cotton-marketing studies, ginning research and spinning tests.
221. [U. S. Institute for textile research] News! S. R. O. at research meeting. Textile World 90(12): 57. Dec. 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315  
Report of meeting held in New York, November 14, 1940.
222. Value of cotton and seed crop is up in North Carolina. Cotton and Cotton Oil Press 41(25): 9. Dec. 7, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822  
"According to an analysis of statistics and other data made by J. C. Ferguson, extension gin specialist at State College, Raleigh, the North Carolina cotton crop of 1940 is worth \$17,380,000 more than the crop of 1939."

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## C O T T O N   R E P O R T S

ISSUED CURRENTLY BY UNITED STATES GOVERNMENT DEPARTMENTS

U. S. Department of Agriculture, Agricultural Marketing Service

Crop Reports (Summarized in Crops and Markets, which is issued monthly):  
to be issued May 23, July 8, Aug. 8, Sept. 8, Oct. 8, Nov. 8, Dec. 8,  
1941.

## Grade and Staple Reports:

Semi-Monthly Cotton Grade and Staple Report: issued at Washington  
during the active ginning season.

Semi-monthly reports for each state: issued during the principal part  
of the ginning season.

## Market News Reports:

Cotton Quotations: issued weekly at Atlanta, Ga., Memphis, Tenn., and  
Dallas and El Paso, Tex.

Report of the Designated Spot Cotton Markets: issued daily at Atlanta,  
Ga.

Weekly Cotton Market Review: issued at Washington, D. C., Atlanta, Ga.,  
Memphis, Tenn., and Dallas and El Paso, Tex.

Weekly Cottonseed Review: issued at Memphis, Tenn., and Atlanta, Ga.

Weekly Review--American Cotton Linters: issued at Washington, D. C.

U. S. Department of Agriculture, Bureau of Agricultural Economics

Cotton Situation: issued monthly.

U. S. Department of Agriculture, Commodity Exchange Administration

Daily Reports on Volume of Sales for Future Delivery and Open Contracts:  
issued at New York, New Orleans and Chicago.

Deliveries in Settlement of Futures Contracts on New York and New Orleans  
Cotton Exchanges: to be issued Jan. 31, Mar. 31, May 31, July 31, Oct.  
31, Nov. 30, 1941.

Trade in Cotton Futures: issued monthly at New York, (Vol. 1, No. 1, Mar.  
1940.)

Unfixed Call Purchases and Sales of Cotton Based on New York Futures:  
issued weekly at Chicago, New York and New Orleans.

Volume of Trading, All Markets: issued monthly at Washington.

U. S. Department of Commerce, Bureau of the Census

Activity in the Cotton Spinning Industry: issued monthly.

Cotton Consumed, on Hand, Imported and Exported, and Active Cotton Spindles:  
issued monthly.

Cottonseed Products Manufactured and on Hand at Oil Mills: issued monthly.

Cottonseed Received, Crushed, and on Hand, and Cottonseed Products Manufac-  
tured, Shipped out, on Hand and Exported: issued monthly.

Exports and Imports of Cottonseed Products: issued monthly.

Report on Cotton Ginnings: to be issued Jan. 23, Mar. 20, Aug. 8, 23,  
Sept. 8, 23, Oct. 8, 25, Nov. 8, 21, Dec. 8, 20, 1941.





